

The engine block contactable base is not located at the bottom end of the hexagonal portion as required by claim 1.

The circumferential groove of Brooks is formed completely above the hexagonal portion and is not formed in the hexagonal portion as required by claim 1.

Thus, the two important features of claim 1 are not suggested by Brooks. In fact, Brooks teaches away from applicant's invention and teaches that the engine block contactable base should be below the threaded portion whereas applicant's claims require that the engine block contactable base be above the threaded portion. Furthermore, Brooks teaches that the circumferential groove should be located above the hexagonal portion and not formed in the hexagonal portion.

It is abundantly clear that Brooks does not suggest the claimed structure of claim 1. Claim 2 depends from claim 1 and is clearly allowable for that reason alone. It further limits the position of the circumferential groove within the hexagonal portion, and since Brooks teaches a circumferential groove completely above the hexagonal portion, claim 2 is also not taught by Brooks.

Claim 4 is dependent upon claim 1 and is believed clearly allowable for this reason alone.

The examiner has rejected claim 3 as obvious over Brooks in view of Bhat, et al. Claim 3 is dependent upon claim 1 and is believed allowable for that reason alone. Bhat, et al. certainly does not teach a circumferential groove in the hexagonal portion of the glow plug.

With regard to the base of the Bhat, et al. plug, it is like the base of Figure 5 of applicant's drawings which is the admitted prior art. Thus, claim 3 is not suggested by the combination of

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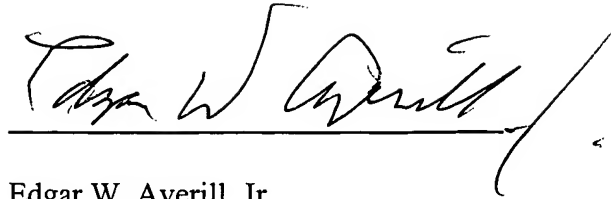
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Brooks and Bhat, et al.

Respectfully Submitted,

July 7, 2006

A handwritten signature in black ink, reading "Edgar W. Averill, Jr.", written over a horizontal line.

Edgar W. Averill, Jr.

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